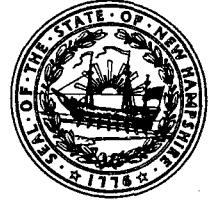




State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
64 No. Main Street, P.O. Box 2008, Concord, NH 03302-2008
(603) 271-3406 FAX (603) 271-7894



February 16, 1999
Letter of Deficiency
DAM #203.44

Mr. Robert Van Dyke
Goddard Road
Rindge, NH 03461

RE: Van Dyke Dam, Rindge

Dear Mr. Van Dyke:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. The DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on May 14, 1998. During this visual inspection and/or file review, the following deficiencies were observed:

1. It is not clearly evident how the stoplogs are removed from the spillway;
2. This dam is currently being operated with an additional two feet of stoplogs in place, therefore reducing available storage and discharge capacity such that the 50 year storm can not be passed safely through the spillway;
3. There is a void at the toe of the left downstream concrete/stone wall;
4. There is seepage through the left stone wall;
5. There is minor surface deterioration of the concrete on the left downstream inner wing wall;
and
6. There is leakage through the gate at the low level outlet.

The DES believes that the above deficiencies can be corrected by performing the following items by August 1, 1999:

1. Notify our office in writing regarding the procedure for removing the stoplogs;
2. Return the operating level of the pond to its originally permitted elevation by removing stoplogs such that at least 3.5 feet of clear space exists between the stoplogs and the bottom of the covered bridge;
3. Repair the void at the toe of the left downstream concrete/stone wall;
4. Investigate the source of seepage through the left stone wall and notify this office in writing of the results. Monitor the seepage and immediately report any increases or changes to this office;

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5. Monitor the minor surface deterioration of the concrete on the left downstream inner wing wall and repair as necessary;
6. Monitor and repair as necessary the leakage through the gate at the low level outlet;
7. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel.

The DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,


Nancy L. McGrath
Engineering Technician

Attachments Guideline for an O&M plan, DB13

cc: Gretchen Rule

Town of Rindge

Certified # 1372 675 847

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